| Ref<br># | Hits   | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|--------|--|---|---------------------|---------|------------------|
| L1       | 436128 | (print\$4 or record\$4) and<br>(terminal\$1 or pad\$1 or<br>electrode\$1 or connect\$4) and<br>(heat\$4 or eject\$4 or transduc\$4<br>or actuator\$1 or (drop adj<br>generator\$1))                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/04/19 14:47 |
| L2       | 105614 | 1 and ((arrang\$4 or array\$4 or<br>matrix or column\$1 or row\$1)<br>same (heat\$4 or eject\$4 or<br>transduc\$4 or actuator\$1 or (drop<br>adj generator\$1)))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/04/19 14:49 |
| L3       | 6674   | 2 and (((arrang\$4 or array\$4 or<br>matrix or column\$1 or row\$1) with<br>(inner\$1 or central or outer\$1))<br>same (heat\$4 or eject\$4 or<br>transduc\$4 or actuator\$1 or (drop<br>adj generator\$1))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/04/19 15:05 |
| L4       | 46     | 3 and (driv\$4 near3 IC\$s)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/04/19 14:53 |
| L5       | 26     | 4 and "347"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/04/19 15:06 |
| L6       | 20     | 4 not 5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/04/19 15:03 |
| L7       | 6628   | 3 not 4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON .    | 2005/04/19 15:03 |
| L8       | 1114   | 7 and (((column\$1 or row\$1) with (inner\$1 or central or outer\$1)) same (heat\$4 or eject\$4 or transduc\$4 or actuator\$1 or (drop adj generator\$1)))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON .    | 2005/04/19 15:03 |
| L9       | 1009   | 8 and ((wiring\$1 or line\$1 or path\$1))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/04/19 15:04 |

| L10 | 338  | 9 and ((wiring\$1 or line\$1 or path\$1) same driv\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/19 15:05 |
|-----|------|---|---|----|----|------------------|
| L11 | 227  | 10 and ((wiring\$1 or line\$1 or path\$1) same driv\$4 same (heat\$4 or eject\$4 or transduc\$4 or actuator\$1 or (drop adj generator\$1))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/19 15:05 |
| L12 | 57   | 11 and "347"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/19 15:18 |
| L13 | 1    | 12 and "347"/58.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/19 15:06 |
| L14 | 3    | 12 and "347"/12.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/19 15:06 |
| L15 | 170  | 11 not 12   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/19 15:19 |
| L16 | 60   | 15 and (driv\$4 same (central or inner\$1))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/19 15:19 |
| L17 | . 34 | 16 and (driv\$4 with (central or inner\$1))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/19 15:22 |
| L18 | 26   | 16 not 17   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/19 15:23 |
| L19 | 110  | 15 not 16   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/19 15:32 |

| r   |     |   | · · · · · · · · · · · · · · · · · · ·                   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| L20 | 2   | "6471342".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/04/19 15:32 |
| L21 | 12  | ("4455560"   "4698644"  <br>"5245244"   "5617122"  <br>"5617127"   "5719607"  <br>"5992978"   "6070972"  <br>"6113221"   "6113226"  <br>"6196664").PN. OR ("6471342").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/04/19 15:32 |
| L22 | 3   | ("4633274"   "5929881"  <br>"6471342").PN. OR ("6682180").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/04/19 15:41 |
| L23 | 211 | 347/58.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/04/19 15:48 |
| L24 | 210 | 347/57.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/04/19 15:50 |
| L25 | 437 | 347/50.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/04/19 15:51 |
| L26 | 739 | 347/54.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/04/19 16:01 |
| L27 | 29  | ("3921916"   "4455560"  <br>"4766671"   "4864328"  <br>"5079571"   "5087930"  <br>"5260723"   "5455615"  <br>"5630274").PN. OR ("5757400").<br>URPN.                            | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/04/19 15:58 |
| L28 | 742 | 347/40.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/04/19 16:01 |